

## AQUALINE

### DI-4

#### DEIONIZATION POLISHING CARTRIDGE

**SIZE:** 9 3/4 in.: Fits all standard 10 in. housings. (Also available in 2.5" X 20" and Big Blue 10" and 20")

**POST FILTER:** 20 micron spun-bonded polypropylene.

**MEDIA:** Semiconductor grade (low TOC) mixed bed ion exchange resin (1:1 equivalent ratio)

**PRE-FILTER:** 100 micron reticulated poly foam.

**FLOW RATE:** 0.5 gpm

**CAPACITY:** 7500\* ppm for iron

**pH RANGE:** 0 - 14

\* tested on 490 ppm city water to a 10 ppm break.

### Technical Information

The DI-4 is a non-regenerable general-purpose deionization cartridge designed for use as an R/O polisher for potable as well as laboratory grade water. The DI-4 has a carbon bed acting as a post filter to reduce TOC, taste, and odor. It is especially useful for polishing CA membrane R/O water as it can remove free chlorine as well as CO<sub>2</sub> gas. The DI-4 is constructed totally from FDA grade materials and media. It can be used in recirculating mode or single pass. For best capacity, use two DI-4 cartridges in series.

Downflow operation is preferred. Intermittent upflow may cause bed separation and failure. Reverse the housing cap (go in through the outlet) to accommodate flow direction. Continuous flow in upward direction is okay.

